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REMARKS

The claims have been amended by rewriting claims 1-6, canceling no claims, and adding no claims. Claims 1-6 remain in the application.

Reconsideration of this application is respectfully requested.

Claim Rejections - 35 U.S.C. § 102(b):

Claims 1, 2, and 5 were rejected under 35 U.S.C. § 102(b) as being clearly anticipated by Myhre (U.S. patent 5,119,680 issued to Kjell Myhre).

Claims 1-6 are amended to change "high pressure sensor mounting configuration" to "high pressure sensor" for clarity. The use of both descriptions for Applicants' claimed invention is supported by the multiple use of each of them for items identified by figure reference number 100 throughout Applicants' specification. Claim 1 is further amended to remove the adjectives "convex", "convex or convex" that preceded the word "conical open end" and the adjective "concave or convex" that preceded the words "mating surface". That the conical open end and mating surfaces can be, respectively convex and concave, or concave and convex, is supported at page 2, lines 25-34 of Applicants' specification, and by the claims as originally filed. Claim 1 as originally filed included an inadvertent antecedent basis issue based on the use of both "convex" and "convex or concave" preceding "open end". Claim 3 is amended similarly.

The above described changes are not in response to any remarks in the Examiner's rejection.

Applicants respectfully traverse the Examiners' rejection of claim 1 in either its originally filed form or in the currently amended form, based on mischaracterizations of Myhre, as detailed below.

The Examiner states: "Myhre teaches a cylindrical pressure sensor cavity 46 comprising a convex conical open end (col. 3 lines 59-63), and a first bearing surface 116."

Applicants are confused by this statement, for reasons that follow.

1) Examiner equates Myhre's item 46 to Applicants' cylindrical pressure cavity. Since item 46 of Myher itself does not equate to Applicants cylindrical pressure cavity, Applicant does not know what items of Myher Examiner may have intended to equate to Applicants cylindrical pressure cavity.

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The following quotes from Applicants' specification clarify the nature of Applicants' claimed cylindrical pressure sensor cavity:

Applicants' specification page 2, lines 3-6 read: "The high pressure sensor mounting configuration 100 comprises three parts: a cylindrical pressure sensor cavity 105, an internally threaded collet 170, and a housing 160."

Applicants' specification page 2, lines 20-23 read: "The cylindrical pressure sensor cavity 105 is a single piece part that comprises a first bearing surface 115 that has a first angle, a flange 120, a groove 125, a sensing component 108, an electrical contact 109, and a pressure cavity 107."

Thus, Applicants claimed cylindrical pressure sensor cavity is a part that includes a cavity.

Myher's item 46 is described at Col. 2, lines 38-42 of Myher, which read: "Apparatus 42 is adapted for replaceable mounting of pressure transducers of the type having a stepped cylindrical configuration as is shown in the figures. The apparatus includes a base 44 having a fluid path 46 communicating between a first end 48 and a second end 50 of the path 46. Base 44 further preferably has a coupling means for permanent coupling to a pressurized fluid at first end 48."

The analogy being made by the Examiner between Myher's fluid path and Applicants' cylindrical pressure sensor cavity is not at all clear to Applicant; in particular, as can be seen from additional statements by the Examiner, it is not what items of Myher the Examiner is equating to Applicants' cylindrical pressure sensor cavity.

2) Examiner equates Myher item 116 to Applicants' first bearing surface. That would make Myher item 116 an item that comprises a portion of whatever Examiner is equating to Applicants' claimed cylindrical pressure sensor cavity, since that is how it is claimed by Applicant. This seems illogical in view of other statements of the Examiner.

Examiner cites Col. 3, lines 59-63 of Myher to support that the "cylindrical pressure sensor cavity" 46 comprises a convex conical open end. Col. 3, lines 59-63 of Myher read: "More particularly, head portion 114 includes a generally conically oriented recess 118 for receiving a conically oriented projection 120 on head portion 116 of collet 60."

From this Applicant concludes that Examiner is now equating the head portion 114 to at least a portion of Applicants cylindrical pressure sensor cavity, and the recess 118 to Applicants'

convex conical open end. Note that the recess 118 of Nyher is a portion of item 94 of Myher, which is an internally threaded retainer (see Myher, col. 3, lines 35-37, and 56-59).

Examiner then equates Applicants' first bearing surface to Myher's item 116. This would make Mhyer's item 120 (which Myher describes as a collet) at least a portion of Applicants' cylindrical pressure sensor cavity, since Applicants have claimed that the cylindrical pressure sensor cavity comprises a convex conical open end and a first bearing surface.

Examiner equates Myher item 114 to Applicants second bearing surface, but as claimed by Applicant, the second bearing surface is a portion of an internally threaded collet and bears upon the first bearing surface. But Mhyer item 114 is a portion of Myher item 94, so that by equating item 114 to Applicants second bearing surface, Myher item 94 becomes equated to Applicants' collet. But Mhyer item 114 includes the recess 118, which appears to have been included by the Examiner as at least a portion of that which the Examiner is equating to Applicants' cylindrical pressure sensor cavity. This is contradictory.

Perhaps Examiner transposed items 116 and 114 in the argument. It appears that this may be the case by the words of the Examiner "the internally threaded collet 60". If so, item 116 of Myher would be equated to the second bearing surface of Applicant's collet and item 114 would be equated to the first bearing surface of Applicants' cylindrical pressure sensor cavity. In this scenario, Mhyer's collet 60 is equated to Applicants' collet, but Applicants' collet as claimed is internally threaded and Mhyers' collet is not internally threaded. Note further that Applicants' claim includes "when the internally threaded collet is threaded onto a pressure port. Mhyers' collet does not thread onto the pressure port. It is the base 44 of Mhyer that threads onto the pressure port.

In sum, Examiner's argument as presented seems internally contradictory. If a transposition of items 116 and 114 occurred in Examiner's argument and the transposition is reversed, then the collet of Myher does not have the characteristics described in Applicants' claim 1 for Applicants' claimed collet and Applicants' claim 1 is patentably distinguishable from Mhyer.

Applicants' do not observe any other set of items described in Myher that equate to Applicants' invention as claimed in claim 1. If Examiner chooses to continue to cite Mhyer in this application, Applicants respectfully request a clearer correlation of items in Myher to Applicants' claimed invention.

Accordingly, Applicants believe that claim 1 is patentable over the art cited in this application., and therefore also believe that claims 2 and 5, being dependent upon claim 1, are also patentable.

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Allowable Subject Matter:

Claims 3, 4, and 6 were objected to as being dependent upon a rejected base claim but would be allowable if rewritten in independent form, including all other limitations of the base claim and any intervening claims.

Applicant notes that any amendments or claim cancellations made herein and not substantively discussed above are made solely for the purposes of more clearly and particularly describing and claiming the invention, and not for purposes of overcoming art. The Examiner should infer no (i) adoption of a position with respect to patentability, (ii) change in the Applicant's position with respect to any claim or subject matter of the invention, or (iii) acquiescence in any way to any position taken by the Examiner, based on such amendments or cancellations not substantively discussed. Furthermore, any remarks made herein with respect to a given claim or amendment are intended only in the context of that specific claim or amendment, and should not be applied to other claims, amendments, or aspects of Applicant's invention.

Applicant specifically reserves the right to prosecute claims of differing and broader scope than those presented herein, in a continuation application.

Accordingly, this application is believed to be in proper form for allowance and an early notice of allowance is respectfully requested.

Please charge any fees associated herewith, including extension of time fees, to 502117.

Respectfully submitted,

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